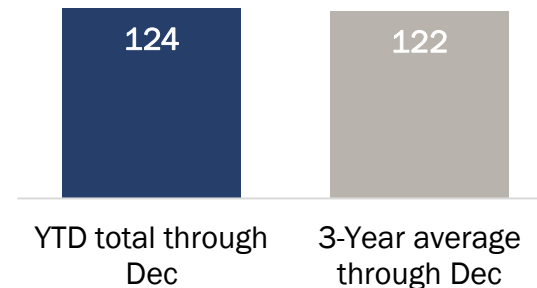


March 2023

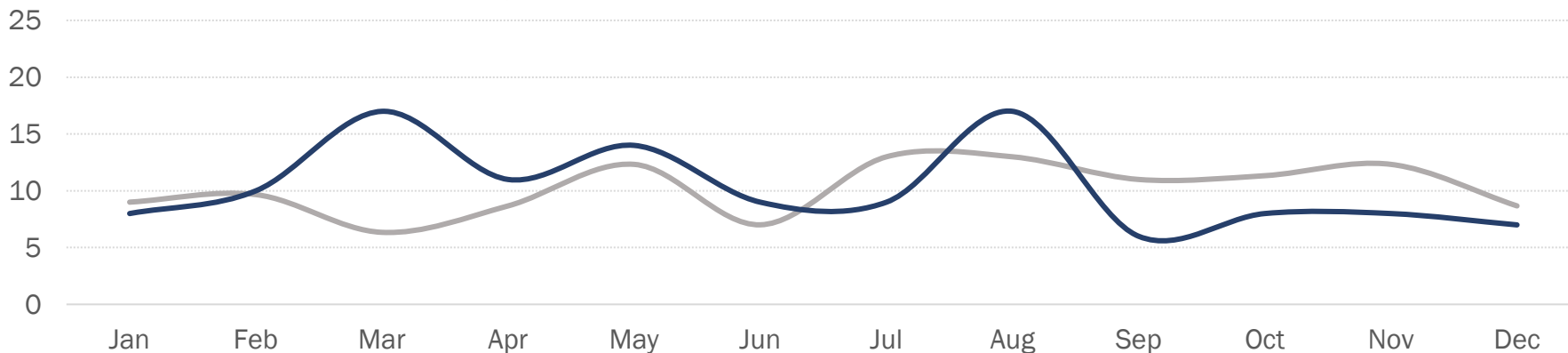
## Summary of 2022 Suicide Deaths (to date):

- As of the end of December, the number of suicide deaths in 2022 is similar compared to previous years. However, there are still 24 pending death certificates, therefore we expect this number to change.
- Essex County has a significantly higher suicide death rate compared to the Vermont suicide death rate (67.5 per 100,000 Vermonters versus 19.2 per 100,000 Vermonters). There have been 4 suicide deaths in Essex County so far for 2022.



## The number of Vermonters who have died by suicide this year is similar to previous years.

Suicide deaths in **2022** and **3-year averages** by month among Vermont residents\*

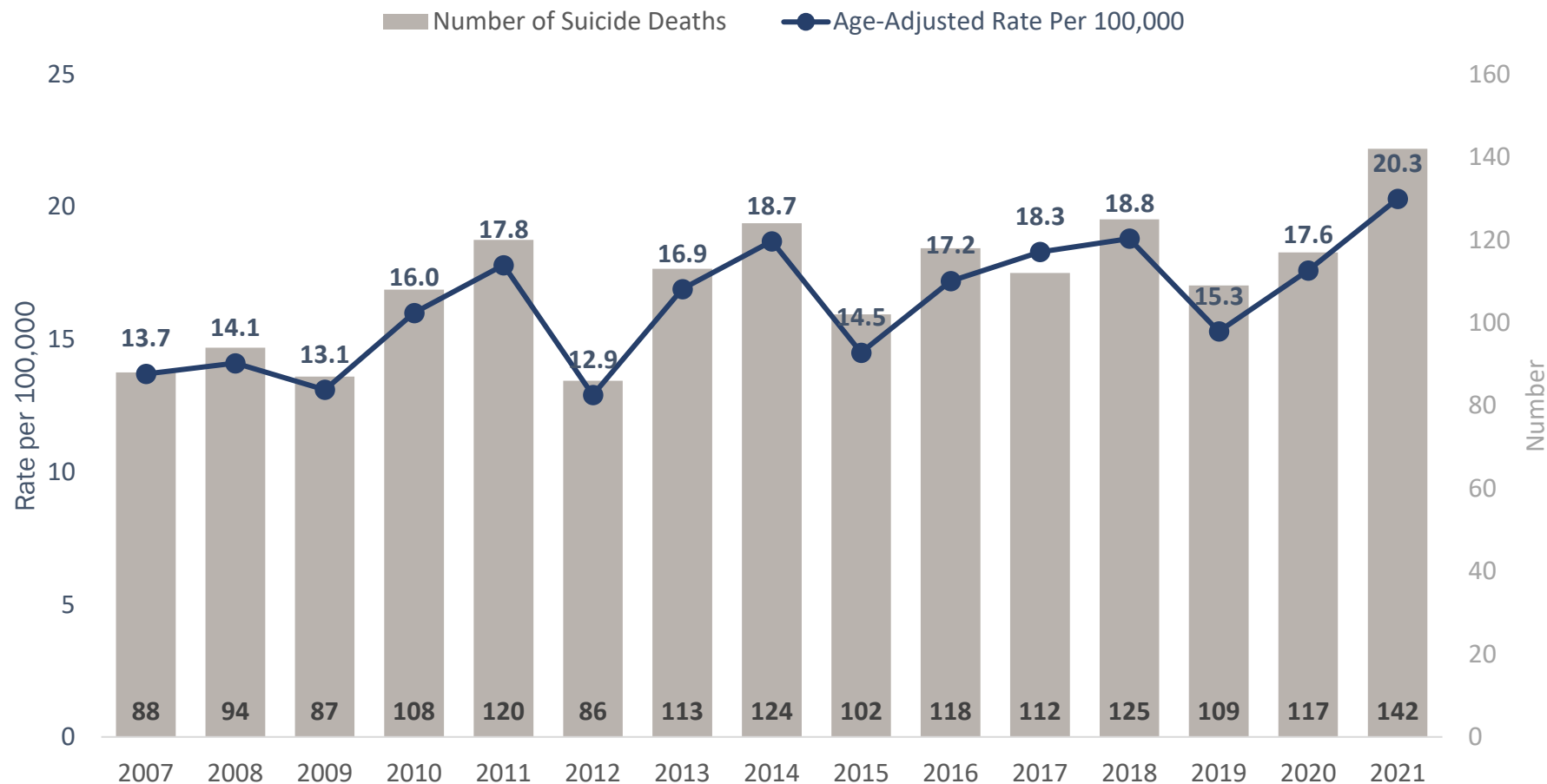


Source: Vermont Vital Statistics, 2019-2021. 2021 and 2022 data are preliminary.

\*Previous years represent the 3-year average of the number of deaths during 2019 to 2021.

Please note there is an 8-week lag in reporting suicide death. An 8-week lag minimizes the changes in numbers posted. Suicide deaths through the end of December are included in this report. There are 24 pending death certificates in 2022.

The number and rate of suicide deaths over the past 15 years.



Source: Vermont Vital Statistics, 2007 - 2021. 2021 is preliminary and subject to change.

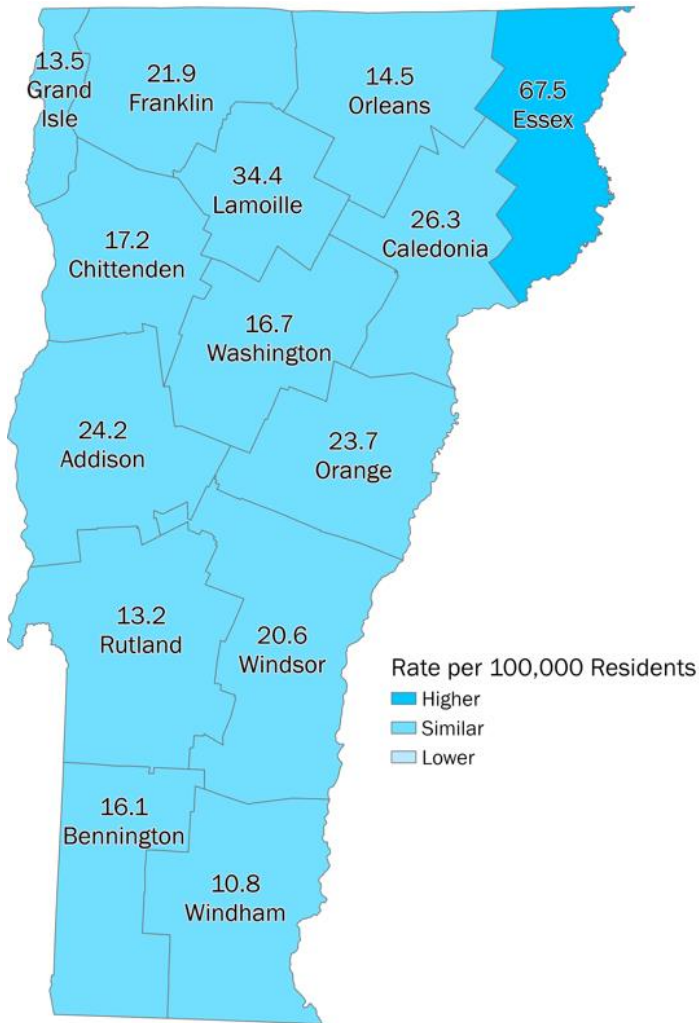
Additional trend information can be found in the [Intentional Self-Harm and Death by Suicide Brief](#).

## Deaths

### Suicide death rates by county of residence, through December

Suicide death rates per 100,000 Vermont residents.

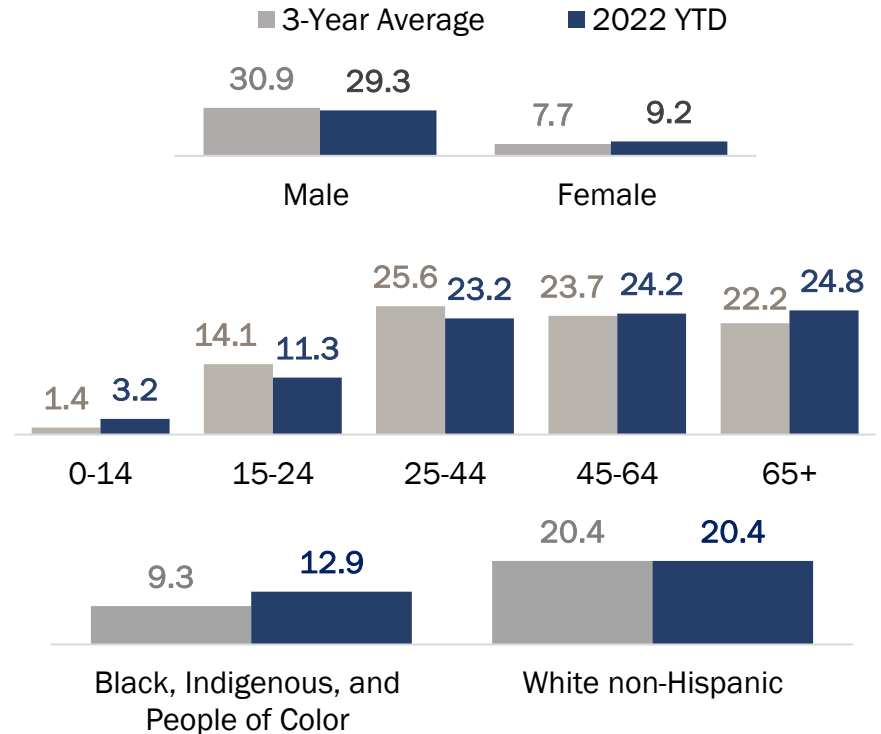
\*Vermont rate = 19.2 per 100,000 Vermont residents.



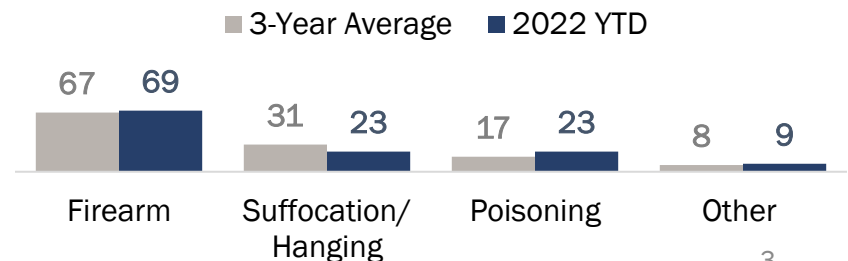
Vermont Department of Health

### Suicide Death rates by biological sex, age, and race/ethnicity, through December

Rate per 100,000 Vermont residents



### Year to date number of suicide deaths by cause



Number of Suicide Deaths by Month and County of Residence																	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	2022 Rate	3-Yr. Avg Rate	3-Yr. Avg Count	
Addison	2	1	0	1	1	2	1	0	0	1	0	0	9	24.2	20.7	8	
Bennington	2	1	0	0	1	1	0	0	0	0	0	1	6	16.1	21.8	8	
Caledonia	0	1	2	1	0	0	1	1	0	1	1	0	8	26.3	22.1	7	
Chittenden	0	1	3	4	5	1	3	3	1	3	2	3	29	17.2	13.4	22	
Essex	0	1	0	0	0	0	0	1	1	0	1	0	4	67.5	33.3	2	
Franklin	1	2	1	1	0	1	0	2	0	0	1	2	11	21.9	22.7	11	
Grand Isle	0	0	0	0	0	0	1	0	0	0	0	0	1	13.5	18.2	1	
Lamoille	0	1	0	2	3	0	0	2	0	0	1	0	9	34.4	11.6	3	
Orange	1	0	2	0	1	1	0	1	0	0	1	0	7	23.7	29.6	9	
Orleans	0	1	0	0	1	0	0	2	0	0	0	0	4	14.5	22.0	6	
Rutland	0	1	2	0	1	1	0	2	1	0	0	0	8	13.2	19.5	12	
Washington	1	0	2	0	1	0	1	1	1	2	0	1	10	16.7	18.5	11	
Windham	0	0	2	1	0	1	0	0	1	0	0	0	5	10.8	18.6	8	
Windsor	1	0	3	1	0	1	2	1	1	1	1	0	12	20.6	24.0	14	
VT Resident Deaths	8	10	17	11	14	9	9	17	6	8	8	7	124	19.2	19.1	122	
Vermonters in VT	7	10	16	11	14	9	9	15	6	8	5	7	117	-	-	-	
Non-Vermont Residents	0	0	0	0	0	0	1	2	0	0	2	1	6	-	-	-	
Total Suicide Deaths in VT	7	10	16	11	14	9	10	17	6	7	7	8	122	-	-	-	
Pending Death Certificates	0	0	2	0	0	1	2	0	5	1	2	11	24	-	-	-	
Age (years)																	
0 to 14	0	0	0	0	1	0	0	0	0	1	1	0	3	3.2	1.4	1	
15 to 24	1	0	2	0	1	0	1	2	1	1	0	1	10	11.3	14.1	12	
25 to 44	2	2	6	5	5	2	3	5	2	1	0	3	36	23.2	25.6	39	
45 to 64	2	2	6	3	6	4	0	8	2	3	5	1	42	24.2	23.7	41	
65+	3	6	3	3	1	3	5	2	1	2	2	2	33	24.8	22.2	29	
Biological Sex																	
Male	7	8	14	9	8	6	6	13	2	7	8	6	94	29.3	30.9	98	
Female	1	2	3	2	6	3	3	4	4	1	0	1	30	9.2	7.7	25	

\*2021 and 2022 data are preliminary and subject to change.

The number of pending death certificates are deaths that have not been assigned a cause of death in Vermont Vital Statistics.

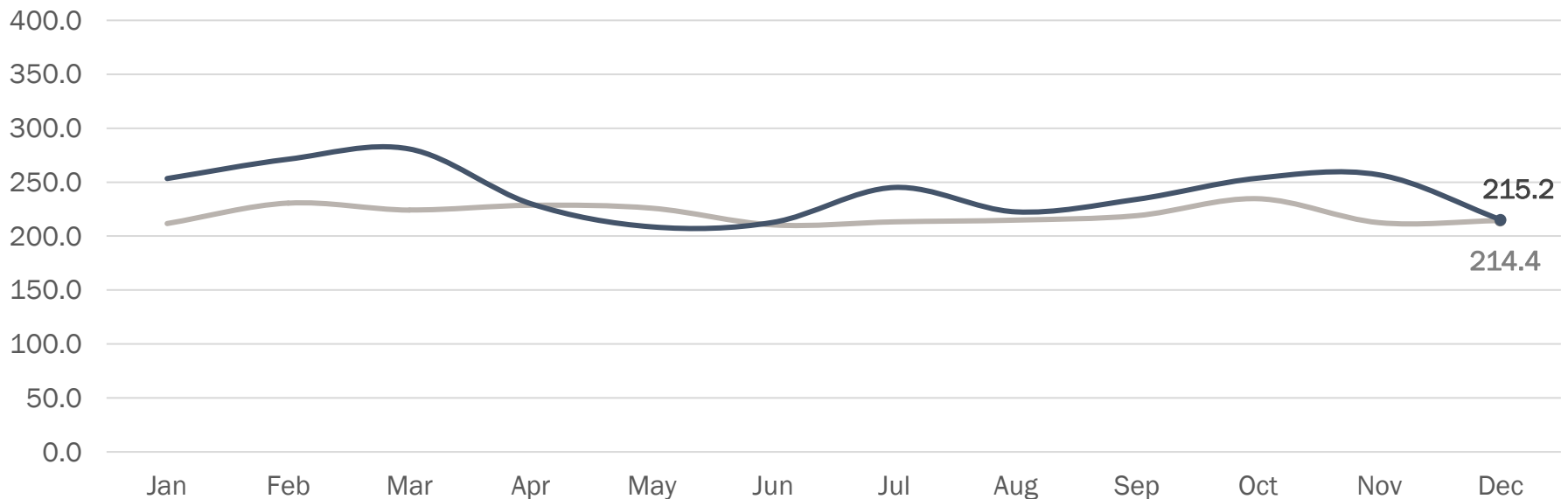
Death certificates that are pending are not necessarily suicide deaths. There are 24 pending death certificates in 2022.

## Summary of 2022 Suicide-Related Emergency Department (ED) Visit Data (to date):

- The rate of suicide-related visits this year is higher compared to previous years (2022 239.3 per 10,000 visits, 2019-2021 average 219.6).
- The first quarter of 2022 had higher rates of suicide-related visits compared to the corresponding months previous years, followed by a slight decrease in May which marked the only month in 2022 where the rate of suicide-related visits were lower than previous years. The rate of ED visits for suicide-related reasons increased between August and November 2022 before decreasing in December to nearly the same as December in previous years.
- From mid-May through December, one hospital's data is not reflected due to a change in their Electronic Health Record system. Visit rates for these months may be over- or underestimated as a result, particularly for Orleans County.

## Suicide-related ED visits are higher this year compared to previous years.

2022 and 3-year Average Rates of Suicidal ideation and Self-Directed Violence per 10,000 ED Visits



Source: Electronic Notification for the Early Notification of Community-based Epidemics, 2018 - 2022.

Previous years are defined using the average rate of visits during 2019 - 2021.

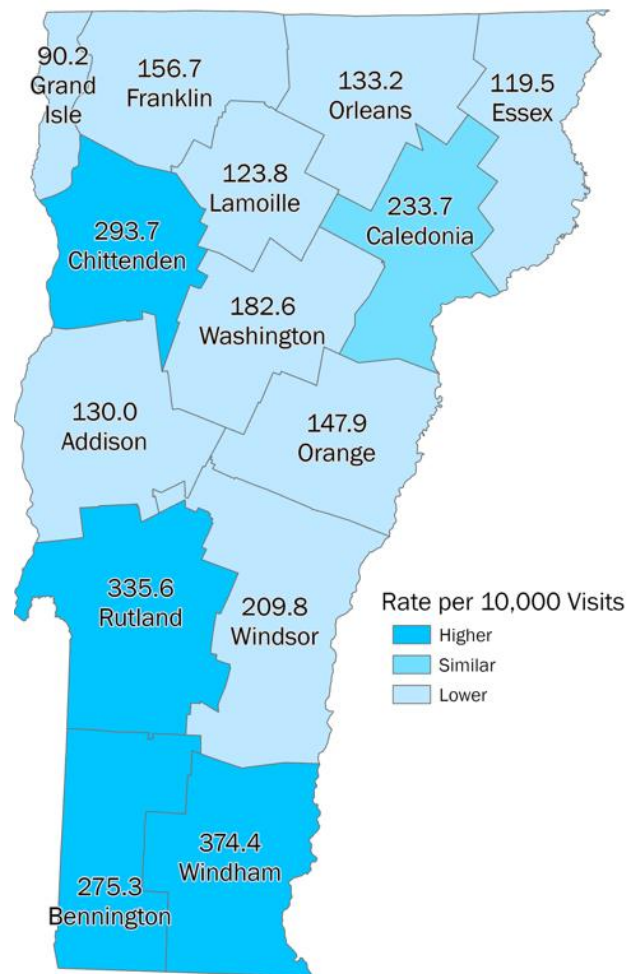
A suicide-related ED visit is a visit for suicidal ideation and/or self-directed violence. Suicide-related visits are determined using the patient's chief complaint and/or discharge diagnosis.

## Syndromic Surveillance

### ED visit rates for suicidal ideation by county of residence, through December 2022.

ED Visit Rates per 10,000 visits

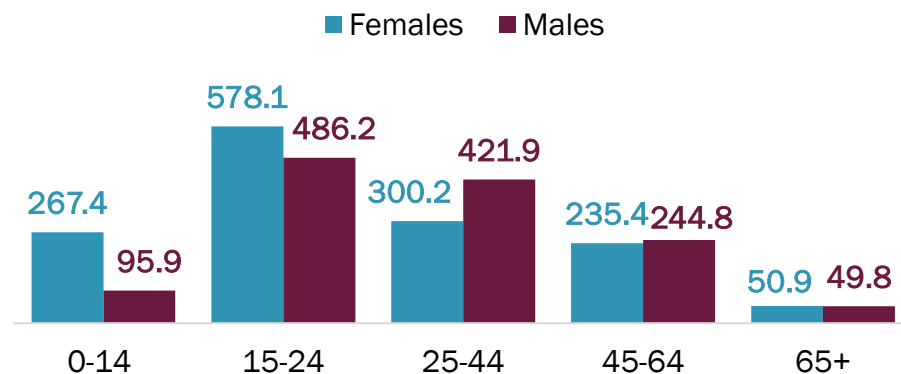
Vermont rate = 239.3 per 10,000 visits



Vermont Department of Health

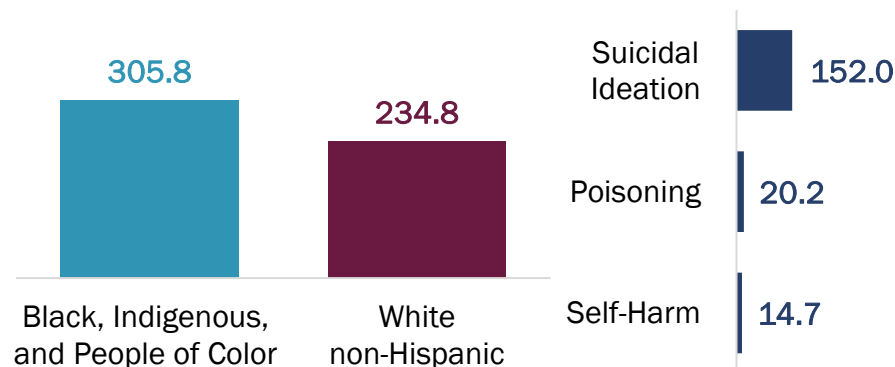
### ED visit rates for suicidal ideation and self-directed violence by sex and age group, through December 2022.

ED Visit Rates per 10,000 male and female ED visits



### Year to date rates by race and ethnicity, and discharge diagnosis.

Rates per 10,000 Visits



\*Please note subpopulation data is through December 31, 2022

## ED Visits for Suicidal Ideation and Self-Directed Violence

	Jan-Mar		Apr-Jun		Jul-Sep		Oct-Dec		Year to Date	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
Addison	39	135.3	43	130.6	45	134.6	40	120.4	167	130.0
Bennington	134	326.4	109	239.2	135	298.1	108	241.9	486	275.3
Caledonia	73	268.2	74	228.2	77	224.9	78	220.7	302	233.7
Chittenden	372	350.3	334	268.4	358	278.4	366	286.8	1430	293.7
Essex	**		*		0	0	*		13	119.5
Franklin	98	178.9	89	139.2	94	150.6	104	161.3	385	156.7
Grand Isle	*		**		6	77.2	*		25	90.2
Lamoille	32	131.8	32	108.6	43	145.6	33	110.8	140	123.8
Orange	41	251.7	23	117.6	21	98.1	31	146.5	116	147.9
Orleans	44	133.3	29	122.3	7	108.7	12	203.0	92	133.2
Rutland	244	340.6	222	282.8	298	367.8	276	350.7	1040	335.6
Washington	115	229.8	98	164.6	95	150.7	123	194.1	431	182.6
Windham	156	407.2	162	351.3	148	331.8	193	410.6	659	374.4
Windsor	83	226.0	99	219.1	92	196.5	96	201.4	370	209.8
Vermont	1442	268.5	1326	216.8	1419	233.8	1469	241.4	5656	239.3
<b>Age (years)</b>										
0 to 14	137	250.6	135	181.9	95	149.2	121	143.8	488	176.4
15 to 24	427	660.1	323	482.2	307	470.3	359	558.7	1416	542.1
25 to 44	493	359.6	452	310.6	541	365.4	548	387.4	2034	355.5
45 to 64	317	240.9	328	225.9	368	245.9	356	251.3	1369	241.0
65+	68	45.7	88	49.1	106	59.0	83	47.0	156	22.8
<b>Biological Sex</b>										
Male	621	251.4	590	204.0	675	234.1	726	250.4	2612	234.4
Female	817	282.0	732	227.2	741	232.7	737	231.4	3027	242.4

Rates are per 10,000 ED Visits , \*Counts fewer than 6 visits are suppressed, \*\* Secondary suppression.

Please note there are limitations with syndromic surveillance data, for more information contact Caitlin Quinn: [Caitlin.Quinn@vermont.gov](mailto:Caitlin.Quinn@vermont.gov)

To learn more about Suicide Prevention Programming at the Vermont Department of Health, contact Nick Nichols: [Nick.Nichols@vermont.gov](mailto:Nick.Nichols@vermont.gov)

If you or someone you know is thinking about or planning to take their own life, call the National Suicide and Crisis Lifeline 988.